

Work Order ID 81871

81871

Page 1

Tuesday, March 20, 2012 11:24:10 AM

Item ID: D2712 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Set Screw
Start Date: 3/20/2012 Start Qty: 200.00 ***200*** Cust Item ID:
Required Date: 3/26/2012 Req'd Qty: 200.00 ***200*** Customer:
Reference:

Approvals: Process Plan: *[Signature]* Date: 12-03-20 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2712	Rev B								

100 PURCHASING 0.00

100

Purchasing

Purchasing

Memo

0.00

Issue P/O: 16488 For Hex Head Set Screw P/N: 92311A599
as per Dwg D2712 Thread: 5/16-24UNF Length: 5/8" long SS Possible
Supplier: McMaster Material release note is required

[Signature] 12-03-20

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Packaging

Memo

0.00

Ensure material release note is attached

[Signature] 12/3/22 (200)

120 QC6- Inspect dimensions to drawing 0.00

120

QC

Quality Control

Memo

0.00

[Signature] 12.03.22 (200)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81871

81871

Page 2

Tuesday, March 20, 2012 11:24:10 AM

Item ID: D2712 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Set Screw
 Start Date: 3/20/2012 Start Qty: 200.00 *200* Cust Item ID:
 Required Date: 3/26/2012 Req'd Qty: 200.00 *200* Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>ST 17</i>	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

(200x) SP12-03-23

12/3/26

mk 12-03-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Tuesday, March 20, 2012 11:24:14 AM

Work Order ID: 81871

81871

Parent Item: D2712

D2712

Parent Item Name: Set Screw

Start Date: 3/20/2012

Required Date: 3/26/2012

Start Qty: 200.00

Required Qty: 200.00

Comments: IPP: C05.09.13ReformatKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

92311A599

Purchased

No

100

Each

0.0000

1

200

92311A599

SET SCREW

**

4/4/22 (200)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

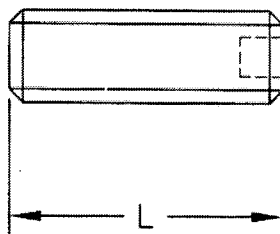
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN	DS	DRAWN BY	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO.	REV. B
				D2712	SHEET 1 OF 1
DATE			TITLE		
05.05.04			SET SCREW		
			SCALE		
			NTS		
A	97.11.03		NEW ISSUE		
B	05.05.04		MATERIAL NOW SS ONLY		

RELEASED
05-09-06 *[Signature]*



D2712 SET SCREW

- 1) TYPE: HEX SOCKET HEAD SET SCREW
- 2) THREAD: 5/16"-24 (UNF)
- 3) LENGTH: L= 5/8" TO 3/4"
- 4) MATERIAL: STAINLESS STEEL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. D271
[Signature]

Copyright © 1997 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO16488**

Purchase Order Date 3/20/12

PO Print Date 3/21/12

Page Number 3 of 3

Order From :

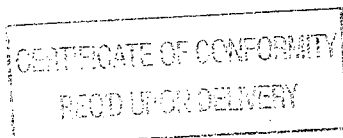
VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	330 995 5500	Requisition Nbr	
Vendor Fax	330 995 9600	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	USD
		FOB	Destination-Collect

9	92311A599	SET SCREW	3/22/12 Yes	200.00 Each	FedEx PI collect	\$0.0562	\$11.24
				<u>B 91571</u>			
10	92311A639	SS SET SCREW	3/22/12 Yes	200.00 Each	FedEx PI collect	\$0.5910	\$118.20
11	91525A120	washer	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.2664	\$26.64
12	6605K56	HOOK AND LOOP TIE	3/22/12 Yes	40.00 Each	FedEx PI collect	\$2.7780	\$111.12
13	7566K25	TIE WRAP MOUNT	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.1362	\$13.62
14	95606A170	Washer	3/22/12 Yes	100.00 Each	FedEx PI collect	\$0.0650	\$6.50

PO Total: \$975.52



No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 4

Change Date: 3/21/12

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.comDart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
CanadaMcMaster-Carr Number
2678740-03

03/20/2012

LNS **A89**

Line	Description	Ordered	Shipped		
5	91290A624 Metric Class 12.9 Socket Head Cap Screw, Alloy Steel, M12 Thread, 45MM Length, 1.75MM Pitch, Packs of 10, 1 Pk = 10 Ea	3 Packs	✓ 3	2 - 124	5
	Unit Price: \$6.98 Extended Price: \$20.94				
6	91290A626 Metric Class 12.9 Socket Head Cap Screw, Alloy Steel, M12 Thread, 50MM Length, 1.75MM Pitch, Packs of 10, 1 Pk = 10 Ea	3 Packs	✓ 3	2 - 123	6
	Unit Price: \$7.11 Extended Price: \$21.33				
8	93827A225 Ultra-Coated Grade 8 Steel Hex Nut, 3/8"-16 Thread Size, 9/16" Width, 21/64" Height, Packs of 100, 1 Pk = 100 Ea	1 Pack	✓ 1	2 - 663	8
	Unit Price: \$12.49 Extended Price: \$12.49				
9	92311A599 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 5/16"-24 Thread, 5/8" Length, Packs of 50, 1 Pk = 50 Ea	4 Packs	✓ 4	2 - 696	9
	Unit Price: \$11.24 Extended Price: \$44.96				
10	92311A639 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 3/8"-24 Thread, 1" Length, Packs of 10, 1 Pk = 10 Ea	20 Packs	15	2 - 697	10
	Unit Price: \$5.91 Extended Price: \$88.65				
11	91525A120 Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25, 1 Pk = 25 Ea	4 Packs	4	2 - 703	11
	Unit Price: \$6.66 Extended Price: \$26.64				
12	6605K56 Hook and Loop Cable Tie, Black Flame-Retardant Wrap Around, 24" L, 3/4" Width, Packs of 5, 1 Pk = 5 Ea	8 Packs	8	3 - 125	12
	Unit Price: \$13.89 Extended Price: \$111.12				